

U.S. Patent Application Serial No. 10/588,796

Amendment filed October 30, 2008

Reply to OA dated August 4, 2008

AMENDMENTS TO THE CLAIMS:

Please cancel claims 1-3 without prejudice or disclaimer, and amend claims 4 and 5, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-3 (Canceled).

Claim 4 (Currently amended): An optical waveguide comprising a lower cladding layer (I), a core (II) and an upper cladding layer (III), wherein at least one of (I), (II) and (III) is formed using ~~the a~~ photocurable resin composition ~~according to claim 1~~ comprising a carboxy-containing unsaturated resin (A) obtained by reacting a carboxy-containing resin (a) with an epoxy-containing unsaturated compound (b); a solvent (B); and a biphenol-type epoxy resin or a novolac-type epoxy resin, and which does not contain any organic acid salt of melamine.

Claim 5 (Currently amended): An optical waveguide comprising a lower cladding layer (I), a core (II) and an upper cladding layer (III), wherein at least one of (I), (II) and (III) is formed using ~~the a~~ photocurable dry film ~~according to claim 3~~ that is formed using a photocurable resin composition comprising a carboxy-containing unsaturated resin (A) obtained by reacting a carboxy-containing resin (a) with an epoxy-containing unsaturated compound (b); a solvent (B); and a biphenol-type epoxy resin or a novolac-type epoxy resin, and which does not contain any organic acid salt of melamine.